

**WHAT IS CLAIMED IS:**

1. A top-emitting OLED display comprising:
  - a) a substrate;
  - 5 b) an array of OLED light emissive elements formed over the substrate;
  - c) an encapsulating cover located over the OLED light emissive elements; and
  - 10 d) a circular light polarizer located between the encapsulating cover and the OLED light emissive elements.
2. The OLED display claimed in claim 1, wherein the encapsulating cover defines a cavity over the OLED light emissive elements and the circular light polarizer is attached to the encapsulating cover inside the cavity.
- 15 3. The OLED display claimed in claim 2, wherein the cavity defines a gap between the circular light polarizer and the OLED light emissive elements.
- 20 4. The OLED display claimed in claim 3, wherein the gap is filled with an inert gas.
5. The OLED display claimed in claim 3, wherein the gap is filled with a transparent solid.
- 25 6. The OLED display claimed in claim 1, wherein the circular light polarizer is attached to the OLED light emissive elements.
7. The OLED display claimed in claim 1, wherein the encapsulating cover is a flat plate, and further comprising means for hermetically sealing the perimeter of the plate to the substrate.
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8. The OLED display claimed in claim 7, wherein the sealing means is light absorbing.

5 9. The OLED display claimed in claim 1, wherein the encapsulating cover is a flat plate, and further comprising means for hermetically sealing the plate to the substrate, the sealing means covering the entire display.

10 10. The OLED display claimed in claim 1, further comprising a desiccant material located around the perimeter of the encapsulating cover.

11. The OLED display claimed in claim 10, wherein the encapsulating cover defines a peripheral channel and the desiccant material is located in the channel.

15 12. The OLED display claimed in claim 1, further comprising an anti-reflective coating applied to a side of the encapsulating cover opposite the circular light polarizer.

20 13. The OLED display claimed in claim 12, further comprising an environmental protection coating provided over or with the anti-reflective coating.

25 14. A top-emitting OLED display comprising:  
a) a substrate;  
b) an array of OLED light emissive elements formed over the substrate;  
c) an encapsulating cover located over the OLED light emissive elements;  
d) a circular light polarizer located between the encapsulating  
30 cover and the OLED light emissive elements and having a first surface layer having a refractive index; and

e) a material located adjacent to the first surface layer of the circular light polarizer having a refractive index matched more closely than air to the refractive index of the first surface layer of the circular light polarizer.

5                    15. The OLED display claimed in claim 14, wherein an adhesive is applied to the circular light polarizer to adhere a second surface of the circular light polarizer to the encapsulating cover or to the array of OLED light emissive elements and wherein the refractive index of the adhesive matches the refractive index of the adhered second surface of the circular light polarizer.

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16. The OLED display claimed in claim 14, wherein an adhesive is applied to the circular light polarizer to adhere a second surface of the circular light polarizer to the encapsulating cover and wherein the refractive index of the adhesive matches the refractive index of the encapsulating cover.

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17. The OLED display claimed in claim 14, further comprising an anti-reflective coating applied to a side of the encapsulating cover opposite the circular light polarizer.

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18. The OLED display claimed in claim 17, further comprising an environmental protection coating provided over or with the anti-reflective coating.